

MARDER B.B.

"At the same time, intracutaneous tularin was rather highly reactogenic as compared with cutaneous tularin. This was demonstrated by the large percentage of acutely positive reactions.

"Thus, the allergic properties of cutaneous tularin prepared from a vaccine strain of tularemia bacteria were somewhat exceeded by the allergenic properties of intracutaneous tularin. However, experience showed that with the use of the cutaneous tularin allergenic test, more than 75% of persons inoculated were found to be immune. This led to the conclusion that cutaneous tularin can be used for determining the immune condition of inoculated groups and that the method of its application is simpler by far than the method of applying intracutaneous tularin."

MARDER, B.B

"The intracutaneous tularin test was performed according to the usual method, and the cutaneous tularin test on the under surface of the forearm according to the Popov method used at the Saratov institute, 'Mikrob.' The according to the Popov method used at the Saratov institute, 'Mikrob.' The procedure for the cutaneous tularin test was as follows: after treatment procedure for the cutaneous tularin test was as follows: after treatment of the skin with alcohol, two drops of tularin were applied to the skin 2-3 of the skin with alcohol, two drops of tularin were inflicted cm apart by shaking from an open ampule; shallow scratches were inflicted through the drops with a vaccine stylus, and the tularin was rubted into the scratches with the ribbed surface of the stylus.

"The reaction was evaluated by a five-point system: acutely positive, positive, weakly positive, doubtful, and negative.

"On comparison of the aforementioned tularins, the predominance of doubtful and particularly of negative reactions to cutaneous tularin attracted attention; 370 reactions in all were carried out with cutaneous tracted attention; 370 reactions in all were acutely positive, tularin, out of which 45.1% were positive, 10% were acutely positive, 14.9% were negative, and 9.7% were doubtful. Of 168 intracutaneous tularin tests, 63.1% were positive, 14.3% were acutely positive, 2.7% were negative, and 4.8% were doubtful.

MARDER B.B.

"Comparative Testing of the Allergenic Properties of Cutaneous and Intracutaneous Tularin When Used for the Purpose of Detecting Immune Strata Among Persons Inoculated," by E. N. Belostotskaya, B. B. Marder, Ye. B. Maksimova and Ya. L. Gendel'man, Kaliningrad Antitularemia Station and Military Laboratory of the Baltic Coast Military District, Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii, Supplement, 1957, pp 33-34

"Mass testing of cutaneous tularin series No 10, prepared from a vaccine strain of tularemia bacteria according to A. N. Popova's method in the Tularemia Laboratory of the Institute imeni Gamaleya, was carried out in 1955 to study the allergenic properties of this series of tularin and to detect immune strata among inoculated persons. Tests with the usual intracutaneous tularin series No 31 were simultaneously set up for comparison.

"Some 523 persons between the ages of 18 and 23 were observed. Inoculations were performed on 21 and 22 March 1955 with dry antitularemia vaccine series No 481, 484, and 474, and tests were carried out 2 months after vaccination.

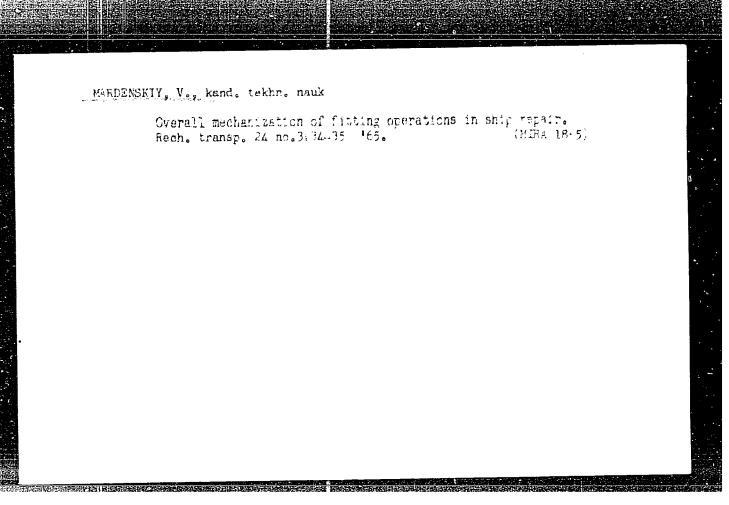
"Results of the cutaneous tularin test were checked after 24, 48 hours, and after 72 hours in persons who exhibited doubtful results. Results of the intracutaneous tularin test were checked within 48 hours.

BUBLIK, P.Ye.; MARDER, A.TS.; VAS'KO, T.P.; BAKUSHINSKAYA, O.A., spetared.;
VASIL'YEVA, G.W., red.; CHEBYSHEVA, Ye.A., tekhn.red.

[Furifying feed molasses using clarifiers; practices of yeast enterprises of the Ukraine] Osvetlenie kormovoi patoki s primeneniem klarifikatorov; opyt drozhahavykh predpriiatii Ukrainy.

Moskva, Pishchepromizdat, 1957. 15 p. (MIRA 12:5)

(Ukraine--Molasses) (Yeast) (Separators (Machines))



MARDENSKIY, Vladimir Prokop'yevich; SHELUCHENKO, V.M., red.; VOLCHOK, K.M., tekhn. red.

[Manufacture and repair of the fuel system equipment for marine diesel engines] Izgotovlenie i remont toplivnoi apparatury sudovykh dizelei. Leningrad, Izd-vo "Rechnoi transport," 1962. 173 p. (MIRA 16:1)

(Marine diesel engines -- Fuel systems)

GUSEV, Mikhail Nikolayevich, prepodavatel; ZILIST, Petr Sigizmundovich, prepodavatel; LEV, Yevgeniy Semenovich, prepodavatel; LOPYREV, Hikolay Kirillovich, prepodavatel; MARDENSKIY, Vladimir Prokop'yevich, prepodavatel; NEMKOV, Petr Petrovich, prepodavatel; MIKITIN, Gennadiy Mikhaylovich, prepodavatel; SHELUCHENKO, V.M., dotsent, kand.tekhn.nauk, retsenzent; BELOV, N.M., inzh., retsenzent; GOLOVANOV, N.V., red.; VOLCHOK, K.M., tekhn.red.

[Technology of marine engineering and ship repairs] Tekhnologiia sudovogo mashinostroeniia i sudoremonta. Pod obshchei red. M.N. Guseva. Leningrad. Izd-vo "Rechnoi transport," Leningr.otd-nie. Pt.2. [Technology of ship repairs] Tekhnologiia sudoremonta. 1960. 470 p. (MIRA 13:4)

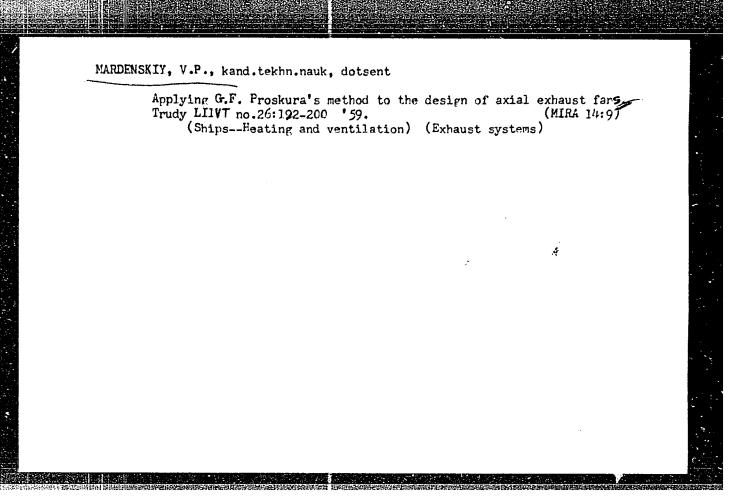
1. Kafedra tekhnologii sudostroyeniya i sudoremonta Leningradskogo instituta vodnogo transporta (for Gusev, Zilist, Lev, Lopyrev, Hardenskiy, Nemkov, Nikitin).

(Ships--Maintenance and repair)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001032330004-5"

MARDENSKIY, Vladimir Prokop'yevich; GOLOVANOV, N.V., red.; VOLCHOK, K.M., tekhn.red.

[Repair of the fuel equipment of marine diesel engines] Remont toplivnoi apparatury sudovykh dizelei. Leningrad, Izd-vo "Rechnoi transport." Leningr.otd-nie, 1960. 117 p. (MIRA 13:10) (Marine diesel engines--Maintenance and repair)



Technology of building up worn precision pair elements for fuel system equipment. Proizv.-tekh. sbor. no.3:77-82 '59'. (MIRA 13:10) 1. Leningradskiy institut vodnogo transporta. (Ships-Equipment and supplies) (Instruments-Haintenance and repair)

MARDENSKIY, V., kand. tekhn. nauk, dotsent; BRYAKALOV, A., kand. tekhn. nauk

A useful book. Mor. flot. 24 no.11:46 N '64. (MIPA 18:8)

1. Leningradskiy institut vodnogo transporta (for Bryakalov).

MARDASHKO, A. New method to determine prussic acid in plants. Nauka i shyttia 11 no.12:37 D '61. (MIRA 15:2) 1. Uchenyy sekretar' Vsesoyuznogo selektelonno-geneticheskogo instituta imeni T.D. Lisenko. (Hydrocyanic acid) (Plants-Chemical analysis)

DEBOV, S.S.; MARDASHVE, S.R.; VORONOV, A.Ya.

Effect of polyadenylic acid on the incorporation of lysine into proteins by liver ribosomes in rats. Vop. med. khim.

10 no.6:635-637 N-D '64. (MIRA 19:1)

l. Kafedra biologicheskoy khimii I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

MARDASHEV, Yu.S. Quantum aspects of catalysis. Zhur. fiz. khim. 39 no.8:1817-1822 Ag '65. (MiRA 18:9) 1. Moskovskiy institut tonkoy khimicheskoy tekhnologii.

MARDASHEV, Yu.S.; AGRONOMOV, A.Ye.

Evaluation of the surface area of nickel in Ni/Al₂O₃ catalysts.
Zhur.fiz.khim. 36 no.8:1785-1787 Ag '62. (MIRA 15:8)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova..

(Nickel catalysts)

Selective assessment of the surface ... S/189/62/000/002/001/004 D228/D302

Emmett et al, J. Amer. Chem. Soc. 59, 310, 1937; F.N. Hill et al, Ibid. 71, 2522, 1949; L. D'Or et al, J. Chem. Phys., 51, 467, 1954; F.C. Tompkins, Disc. Faraday Soc. 54, 548, 1958.

ASSOCIATION: Kafedra organicheskogo kataliza (Department of Organic Catalysis)

SUBMITTED: May 8, 1961

Card 2/2

35995 **S/189/62/000/002/001/004** D228/D302

5,1190

AUTHORS:

Agronomov, A.Ye., and Mardashev, Yu.S.

TITLE:

Selective assessment of the surface areas of metallic

catalysts on carriers

PERIODICAL:

Moscow. Universitet. Vestnik. Seriya II, khimiya,

no. 2, 1962, 21 - 22

TEXT: The authors give more precise information about their previous study of the chemisorption of phenol. This shows that the difference in the size of the Ni part of the surface of the Ni/Al₂O₃ catalyst, calcd. by the method of direct detn. and by the method of comparing the chemisorption capacity of thiophenol on Ni-black, Al₂O₃, and Ni/Al₂O₃, amounts to only 15 %. Thus, it is concluded that the method of comparison can be used to estimate selectively the size of the Ni surface in Ni/Al₂O₃ catalysts. There are 1 table and 8 references: 4 Soviet-bloc and 4 non-Soviet-bloc. The referen-

ces to the English-language publications read as follows: P.H.

Card 1/2

AGRONOMOV, A.Ye.; MARDASHEV, Yu.S.

Structure and activity of supported nickel catalysts. Zhur.
fiz.khim. 35 no.9:2047-2051 '61. (MIRA 14:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova i Institut organich skoy khimii AN SSSR imeni N.D. Zelinskogo.

(Nickel) (Catalysis)

AGRONOMOV, A.Ye.; MARDASHEV, Yu.S. Structure and activity of supported nickel catalysts. Part 1: Structural changes of the catalyst support during the deposition of nickel. Zhur.fiz.khim. 35 no.8:1666-1671 Ag '61. (MIRA 14:8) 1. Moskovskiy gosudarstvennyy universitet imeni N.V. Lomonosova i Institut organicheskoy khimi AN SSSR imeni N.D. Zelinskogo. (Nickel) (Catalysts)

PATRIKEYEV, V.V.; BALANDIN, A.A., akademik; KLABUROVSKIY, Ye.I.; MARDASHEV, Yu.S.; MAKSIMOVA, G.I.

Selectivity towards optical isomers of adsorbents fromed in the presence of bacteria. Dokl.AN SSSR '132 no.4:850-852 Je '60. (MIRA 13:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo Akademii nauk SSSR. (Adsorbents) (Isomers)

80007

The Dependence of Activation Energy on the Relative Adsorption Coefficient

5/020/60/131/05/038/069 B004/B014

the benzene content of the starting mixture of C6H6 + C6H12 (Table 2, Fig 2). Proceeding from results obtained by other research workers, the authors discuss this dependence and arrive at the following conclusion: As long as the dehydrogenation of C6H12 by means of a nickel catalyst takes place at active points of mean activation energy, which are moderately covered with C6H6, z2 does not depend on the yield, m. However, as soon as these points are covered with a larger amount of C6H6, the benzene has an inhibitory effect, and the relation $z_2 = f(m)$ occurs, as may be seen when using catalysts with great values of z_2 . Taking this into account, one obtains a value of E for the second sample, which is in close agreement with the E-values of the other catalysts. Graphical solving of the relation Q = E - klogz2 is recommended as another variant. The authors refer to a publication by A. A. Balandin and Yu. K. Yur'yev (Ref 10). There are 2 figures, 2 tables, and 12 references, 10 of which are Soviet. ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov) Institut organicheskoy khimii im. H. D. Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy of the Academy of Sciences of the USSR)

SUBMITTED:

December 28, 1959

Card 2/2

5.1190

B000%

AUTHORS:

Agronomov, A. Ye., Balandin, A. A., Academician, Mardashev, Yu. S.

\$/020/60/131/05/038/069 B004/B014

TITLE:

The Dependence of Activation Energy on the Relative Adsorption

Coefficient

PERIODICAL:

Doklady Akademii nauk SSSR, 1960, Vol 131, Nr 5, pp 1120-1122 (USSR)

TEXT: The authors of the article under review studied several nickel catalysts within a wide temperature range, using dehydrogenation of oyclohexane. The same amount of nickel was applied to different carrier substances (Al203, silica gel, kieselguhr) in equal proportions by weight. The data listed in table 1 indicate that the apparent activation energy, Q, calculated from the Arrhenius equation, and the relative adsorption coefficient, z2, of the benzene being formed are greatly dependent on the nature of the carrier substance. These two quantities are interrelated by Q = E - klogz2 (E and k are constants). This relationship is graphically represented in figure 1. For all catalysts under consideration it was found that E was constant and 14 kcal/mole approximately. This value corresponds to the initial coordinate of the straight line depicted in figure 1, and thus represents the true activation energy. For nickel applied to silica gel (second sample) it was found that the value of z2 increased in dependence of

Card 1/2

AGRONOMOV, A.Ye.; MARDASHEV, Yu.S.

Selective determination of the nickel surface in nickel-aluminum oxide catalysts, and their specific catalytic activity. Vest. Mosk.

un. Ser. 2: Khim. 15 no.1:25-34 '60.

 Kafedra organicheskogo kataliza Moskovskogo universiteta. (Catalysts, Bickel)

(MIRA 13:7)

MARDASHEV, Yu. S., Cand Chem Sci (dins) -- "The effect of the carrier on the structure and activity of nickel catalysts". Moscow, 1970. 11 pp (Acad Sci USSR, Inst of Organic Chem im N. D. Zelinskiy), 150 copies (KL, No 14, 1960, 127)

Comparison of the Kinetic Relative Adsorption Coefficients With Those Determined According to the BET Equation SOV/20-127-2-25/70

> zner are equal is assumed to confirm the second author's statement (Ref 12) that the places with a mean adsorption intensity are catalytically active. There are 1 figure, 2 tables, and 12 references, 11 of which are Soviet.

ASSOCIATION:

Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

Institut organicheskoy khimii im. N. D. Zelinskogo Akademii

(Institute of Organic Chemistry imeni N. D. Zelinskiy of the

Academy of Sciences, USSR)

SUBMITTED:

April 29, 1959

Card 4/4

Comparison of the Kinetic Relative Adsorption 50V/20-127-2-25/70 Coefficients With Those Determined According to the BET Equation

temperature, then again with pure cyclohexane. This experiment confirmed the observation of reference 11 that the activation energy is not changed up to a mixture containing 10% benzene (for the catalyst Nr 3). The two series of the values (AC according to adsorption-, kinetic data respectively) are very adjacent in the columns 3 and 4 of table 1. Thus, the BET equation may be used in the case of the cyclohexane dehydrogenation (Fig 1). The general equation of the kinetics of the monomolecular reactions (Ref 4) holds as well in the investigated region of the mixture composition, as it follows from the constancy of z (Table 2). The relative AC of the catalytic active centers turn out to be practically equal to the relative AC of the entire surface. The fact that z and

Card 3/4

Comparison of the Kinetic Relative Adsorption SOV/20-127-2-25/70 Coefficients With Those Determined According to the BET Equation

interesting to carry out the comparison given in the title. The absolute AC differ according to reference 7 by two orders of magnitude. The authors used the dehydrogenation reaction of cyclohexane on Ni-catalysts (the latter on carriers). The BET-AC were graphically determined from the equation (1). The straight lines for the catalysts Nr 1 and 2 (Table 1) are given in figure 1 as an example (5 catalysts were used and their method of production is described here). AC according to BET (cBET) for benzene and cyclohexane were computed from the tangent of the angle of gradient of this straight line; their relation could be called the relative AC-BET (z BET) (Table 1, columns 1-3). The kinetic relative AC were determined from the equation (2). The reaction mentioned was carried out according to the method of reference 10. The catalyst was used in a certain quantity (volume V) so that the transformation did not exceed 30%. The equation (2) was transformed into (3) in the experiments with pure cyclohexane. Furthermore, the experiment was carried out with a mixture (with benzene) at the same

Card 2/4

5(3) AUTHORS: SOV/20-127-2-25/70 Agronomov, A. Ye., Balandin, A. A., Academician, Vardashev, Tu.S.

TITLE:

Comparison of the Kinetic Relative Adsorption Coefficients With Those Determined According to the BET Equation

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 2, pp 325-328

(USSR)

ABSTRACT:

The BET equation of the polymolecular adsorption which takes into account the interactions between adsorbent and adsorbed substance in the first layer and is related to the entire surface was derived in reference 1 (1938) (1). Its graphic solution makes the determination of the adsorption coefficient (AC) c possible. The second author in 1942 (Ref 2) derived an equation of the kinetics of the monomolecular reaction in a discharge system. A calculation method of the relative adsorption coefficient from kinetic data is given as well. This method made the determination of the value of these coefficients on the catalytically active centres of the surface possible. The equation (2) (identical with the equation (52) in reference 5) may be used for the determination of the relative adsorption coefficients from kinetic data. It was

Card 1/4

MARDASHEV, Yu.S., USSR/Chemistry - Catalysts

FD-2171

Card 1/1

Pub 129-11/20

Author

: Agronomov, A. Ye. and Mardashev, Yu. S.

Title

Investigating the relationship between catalytic activity of Ni-Al₂0₃

and its structure and quantity of nickel in the catalyst

Periodical:

Vest. Mos. un., Ser. fizikomat. i yest. nauk, 10, No 2,83-91, Mar 1955

Abstract

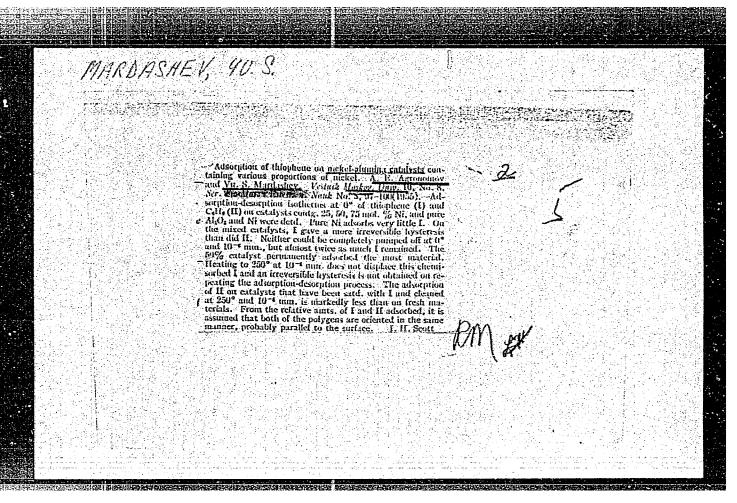
Studied the cyclohexane dehydrogenation reaction over a nickel on ${\rm Al_2}{}^0{}_3$ catalyst with varying amounts of nickel. Established that the most active catalyst was one having 36.5% nickel by weight. The apparent activation energy decreases with increasing amounts of nickel. Using the adsorption method of investigation, established that the specific surface of the catalyst remains equal up to 36.5% nickel and then decreases with further additions of nickel. The porosity of the catalyst depends on the amount of nickel present. Graphs; tables. Twenty-one references (eighteen USSR).

Institution:

Chair of Organic Catalysis

Submitted

June 24, 1954



MARDASHEV, S.R.; SEMINA, L.A.

Crystelline histidine deparboxylase obtained from Micropococus sp.n. Dokl. AN SSSR 150 no. 2:465-466 My '64. (MRA 17:7)

1. Institut biologicheskog i meditsinskog khimi AMN 3:0R.

2. Deystvitel'nyy chlan AMN 3:0R (for Mardashev).

MARDASHEVM, S.R.; BUROBIN, V.A.

Determination of urocanase in the blood in carbon tetrachloride poisoning. Vop. med. khim. 9 no.1:93-94 Ja-F '63.

(MIRA 17:6)

1. Kafedra biokhimii I Moskovskogo ordena Lenina meditsinskogo

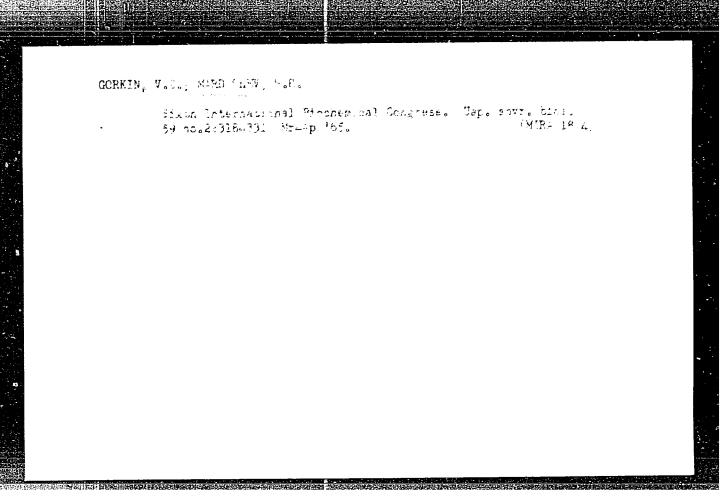
instituta imeni I.M. Sechenova, Moskva.

MARDASHEV, S.R.; LERMAN, M.I.; EENYUMOVICH, M.S.

Clutamine transaminase in brain preparations and in cells of a strain of a differentiated human astrocytoma. Vop. med. khim. 8 no.5:547 - 549 S-0°62 (MTRa 17:4)

1. Kafedra biokhimii Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova i laboratoriya kul'tivirovaniya tkaney Instituta eksperimental'noy i klinicheskoy onkologii

AMN SSSR, Moskva.



MARDASHEV, S.R.; YAROVAYA, L.M.

Guanosine monophosphate-synthetase reaction of E.coli. Ur.biokhim.
zhur. 37 no.5:751-760 '65.

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

MARDASHEV, S.R.; SOKOVNINA, Ya.M.

Synthesis of hydroxamic acids from diserboxylic amino acids and their amides in Saccharomyces cersvisiae. Mikrobiologiia 34 no.1:47-52 Ja-F '65. (MTRA 18:7)

1. Institut biologicheskoy i mediteinskoy knimii AMW SSSR.

MARDASHEV, S.R.; SEMINA, L.A.; SOKHINA, A.M.

Amino acid composition of histidine decarboxylase. Biokhimiia 30 no.6:1179-1181 N-D *65. (MIRA 19:1)

l. Laboratoriya enzimologii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR 1 kafedra biokhimii Pervogo Moskovskogo meditsinskogo instituta, Moskva. Submitted January 21, 1965.

SEMINA, L.A.; MARDASHEV, S.R.

Purification and crystallization of microbial mistidine decerboxyless. Biokhistia 30 no.1:100-106 Jef '65.

1. Laboratoriya enzimologii Instituta biologicheskoy i meditsinskoy kulmii. ANN SSSR, Moskva.

ZBARSKIY, Boris Il'ich [deceased]; IVANOV, Il'ya Il'ich;

MARDASHEV, Sergey Rufovich; IL'IN, V.S., red.

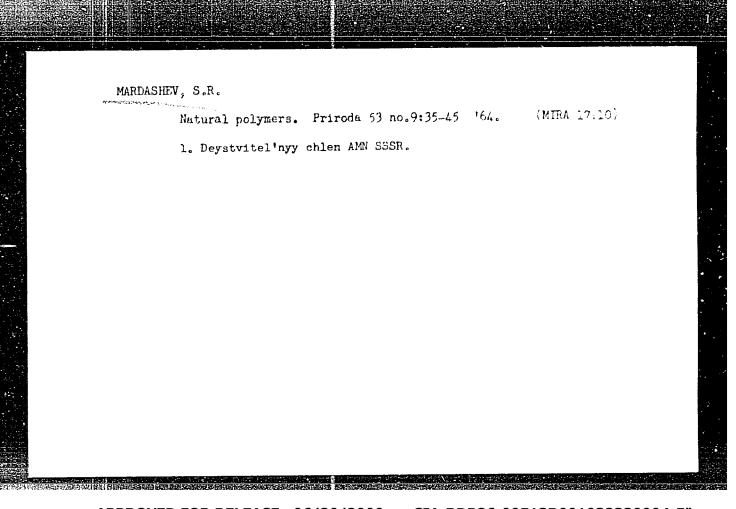
[Biological chemistry] Biologicheskaia khimiia. 4. izd.,
ispr. i dop. Leningrad, Meditsina, 1965. 519 p.

(MIRA 18:6)

MARDASHEV, Sergey Rufovich; DEBOV, S.S., red.

[Some problems in the regulation of metabolism and natural

polymers] Nekotorye problemy reguliatsii obmena veshchestv i prirodnye polimery. Moskva, Meditsina, 1965. 82 p. (MIRA 18:9)



GARAN, S.I.; MAYMIND, V.I.; MARDASHEV, S.R.

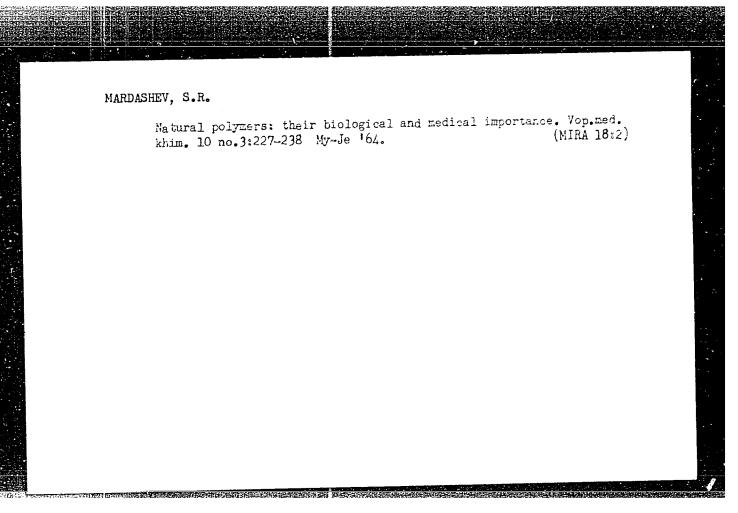
Synthesis of the sodium salt of carbamylhomoserine and its amide. Dokl. AN SSSR 154 no.6:1374-1375 F '64. (MIRA 17:2)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR. 2. Deystvitel'nyy chlen AMN SSSR (for Mardashev).

GALEGOV, C.A.; SERGEYEVA, M.A.; MARDASHEV, S.R.

Synthesis of DL-N15-beta-methylaspartic acid. Biokhimiia 29 no.3:
497-501 My-Je '64. (MIRA 18:4)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.



GALEGOV, G.A.; MARDASHEV, S.R.

Effect of D.I.-hexafluorovaline on the growth of Racherichia coli. Vop.med.khim. 10 no.2:216-217 Mr-Ap '64. (MIRA 18:1)

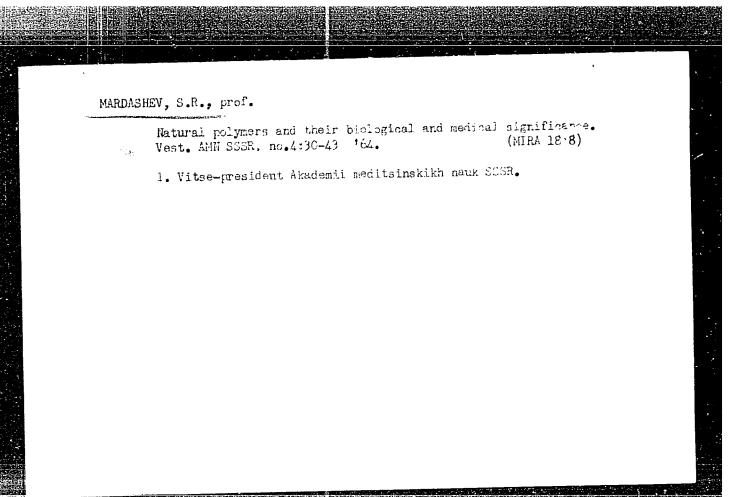
l. Laboratoriya enzimologii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

DEBOV, S.S.; MARDASHEV, S.R.; VOTRIN, I.I.; BLAGGVESHCHENSKAYA, Ye.V.

Ribonucleic acid polymerization activity of desoxyribonucleoprotein from the rat liver and cells from Ehrlich ascites cancer in mice. Vop. med. khim. 10 no.1:92-94 Ja-F 164.

1. Kafedra biokhimii I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova.

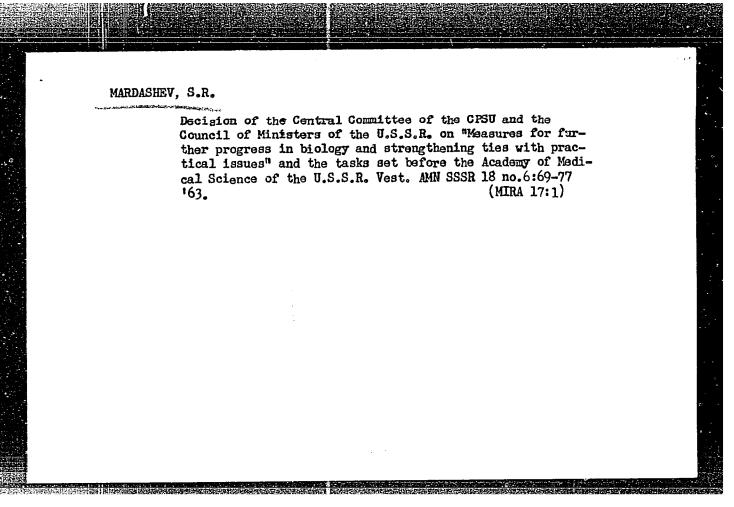
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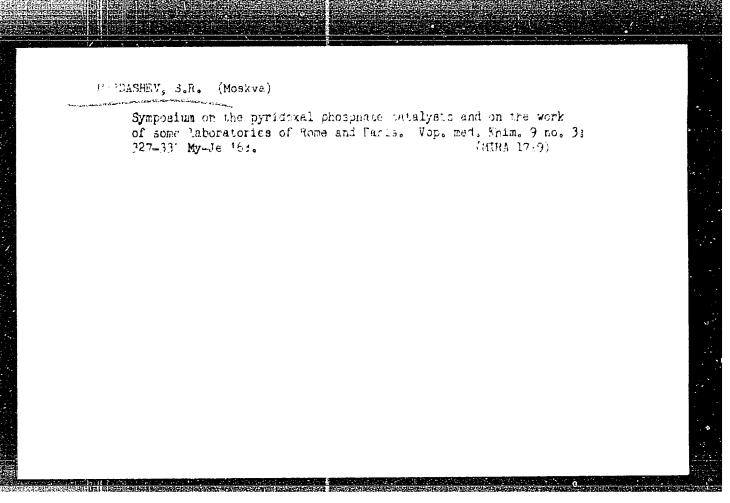


MARDASHEV, S.R.; MARGORINA, L.M.; LESTROVAYA, N.N.; BROKER, T.N.

Amino acid decarboxylases in bacteria of the intestinal group. Zh. mikrobiol. 40 no.7:25-29 J1'63 (MIRA 17:1)

1. Iz Instituta biologicheskoy i meditsinskoy khimii AMN SSSR i Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.





MARDASHEV, S.R.; VAN SHAO-KHUA [Wang Shao-hua]

Purification of asparaginase from the serum of guinea pigs by chromatography on a diethylaminoethylcellulose column. Dokl. AH SSSR 142 no.3:709-712 Ja '62.

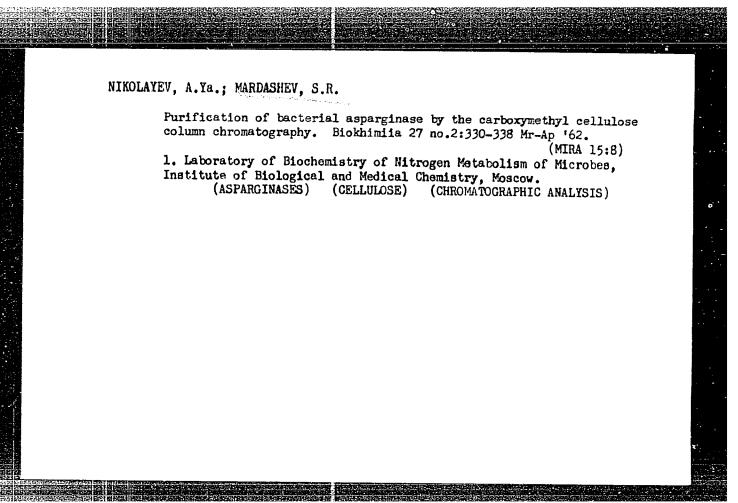
1. Pervyy Moskovskiy meditsinskiy institut im. I.M.Sechenova.
2. Deystvitel nyy chlen ANN SSSR (for Mardashev).

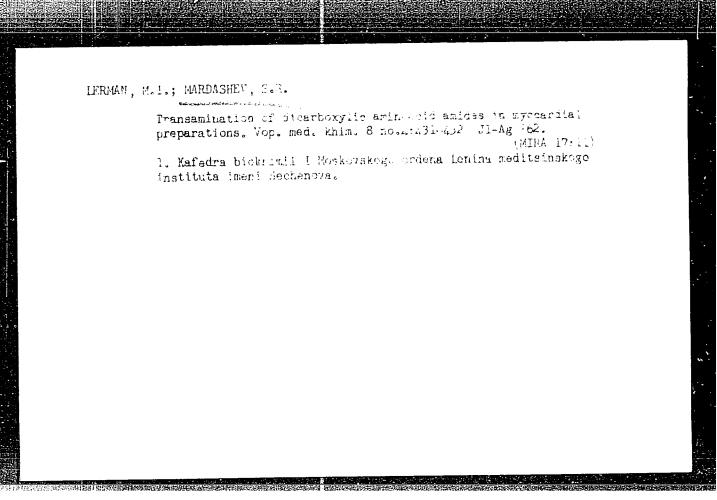
(ASPARAGINASE) (CHROMATOGRAPHIC ANALYSIS)

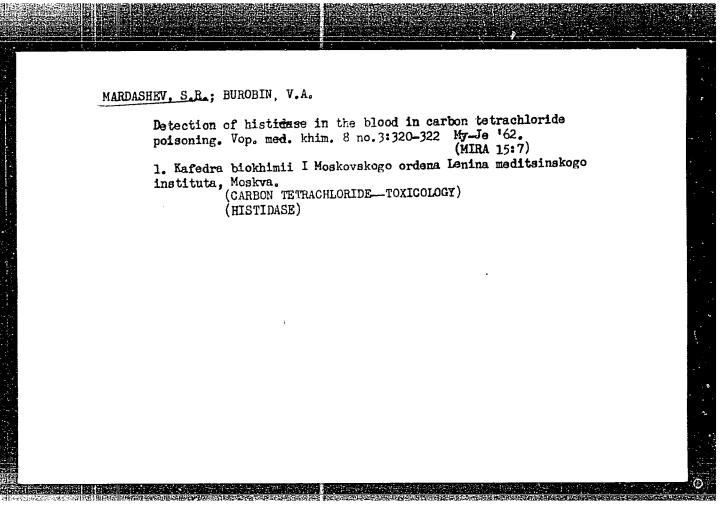
MARDASHEV, S.R.; FEOFILOVA, Ye.P.; GALEGOV, G.A.

Effect of β-methylaspartic acid on the growth of Escherichia coli. Mikrobiologiia 31 no.3:391-395 My-Je '62. (MIRA 15:12)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR. (ESCHERICHIA COLI) (ASPARTIC ACID METABOLISM)





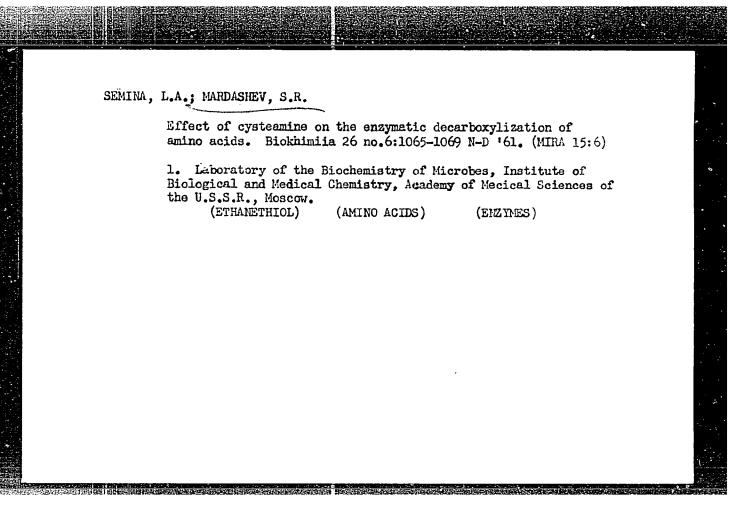


MARDASHEV, S. R.; MAMAYEVA, V. V.

Purification of microbial histidine decarboxylase. Mikrobiologiia 30 no.3:530-533 My-Je '61. (MIRA 15:7)

1. Pervyy moskovskiy meditsinskiy institut imeni I. M. Sechenova.

(HISTIDINE DECARBOXYLASE) (MICROCOCCACEAE)



GALEGOV, G.A.; DEBOV, S.S.; MARDASHEV, S.R.

Synthesis of d1-2-C¹⁴- β-methylaspartic acid and its carbamyl derivative. Biokhimiia 26 no.5:831-833 S-0 '61. (MINA 14:12)

1. Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R. and Chair of Biochemistry, 1st Medical Institute, Moscow.

(ASPARTIC ACID)

NIKOLAYEV, A.Y.; MARDASHEV, S.R.

Insoluble active compound of asparaginase with carboxymethy-lcellulose. Biokhimiia 26 no.4:641-645 J1-Ag '61. (MIRA 15:6)

1. Laboratory of Biochemistry of Nitrogen Metabolism of Microbes, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the USSR, Moscow.

(ASPARIGINASE)

(CARBOXYMETHYLCELLULASE)

MARDASHEV, S.R.; SEMINA, L.A.

Inhibition of enzymatic decarboxylation of amino acids by
DL-penicillamine, L-cysteine and DL-homocysteine. Biokhimita
26 no. 1:31-39 Ja-F '61. (MIRA 14:2)

1. Institute of Biological and Medical Chemistry, Academy of
Medical Sciences of the U.S.S.R., Moscow.

(VALINE) (CYSTEINE) (AMINO ACIDS) (CARBOXYL GROUP)

	DEBOV, S.S.; CHZHAO TUEN-REY; MARDASHEV, S.R.	
	Biosynthesis of wracil by E. coli. Vop. med. khim. 7 no.3: 297-301 My-Je '61. (MIRA 15:3)	
	1. Chair of Biological Chemistry, "I.M. Sechenov" First Moscow Medical Institute. (EXCHERICHIA COLI) (URACIL)	
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20 82 20 20 20 20 20 20 20 20 20 20 20 20 20		

MARDASHEV, S. R., and SEXINA, L. A. (USSR)

"The Effect of Mercaptoamino Compounds on the Enzymic Decarbonxylation of Amino Acids by Microbic Materials."

Beport presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

MARDASHEV, Sergey Rufovich; POKROVSKIY, Aleksey Alekseyevich; PAVLOVA,
Nina Aleksandrovna; KAPYSHEVA, V.S., red.; YEZHOVA, L.L.,
tekhn. red.

[Laboratory demonstrations for lectures on biological chemistry; manual for teachers] Demonstratsii k lektsiiam po biologicheskoi khimii; posobie dlia prepodavatelei. Moskva, Gos.izd-vo "Vysshaia shkola," 1961. 142 p. (MIRA 14:12)

(Biochemistry—Study and teaching)

ξ,

MARDASHEV, S.R.; DEBOV, S.S.; YAROVAYA, L.M.

Biosynthesis of orotic acid from &-ureido- &-methylsuccinic and aspartic acids. Dokl. AN SSSR 134 no.3:713-716 S '60.

(MIRA 13:9)

- Pervyy Moskovskiy meditsinskiy institut im. I.M. Sechenova.
 Deystvitel'nyy chlen AMN SSSR (for Mardashev).
- (OROTIC ACID) (SUCCINIC ACID) (ASPARTIC ACID)

LERMAN, M.I.; MARDASHEV, S.R.

Enzymatic exchange of ammonia and the amide group of K.-Keto succinamic acid. Dokl.AN SSSR 134 no.2:460-462 3 '60. (MIRA 13:9)

1. Pervyy Moskovskiy meditainskiy institut im. I.M.Sechenova.

2. Deyatvitel'nyy chlen AMT SSSR (for Mardashev).

(SUCCINAMIC ACID) (APMONIA) (AMIDASES)

MARDASHEY. S.R.; CHZHAO TIEN-REY

Inhibition of transamination by cysteine in the rat liver. Dokl.AN SSSR 133 no.1:230-232 Jl 60. (MIRA 13:7)

1. Pervyy moskovskiy meditsinskiy institut imeni I.M.
Sechenova. 2. Deystvitel'nyy chlen AMN SSSR (for Mardashev).

(AMINO ACID METABOLISH)

(CYSTEINE)

LEBMAN, M.I.; MARDASHEV, S.R.

Studying the biosynthesis of asparagine by the use of labelled presursors. Biokhimite 25 no.5:946-953 S-0 '60. (MIRA 14:1)

1. Chair of Biochemistry, First Medical Institute, Moscow. (ASPARAGINE)

LERMAN, M.I.; MARDASHEV, S.R. Synthesis of \$\textit{\textit{Biokhimiia}}{25 \textit{no.4:701-704}}\$ Jl-Ag '60. (MIRA 13:11) 1. Chair of Biochemistry, the 1st Medical Institute, Moscow. (AMIDES) (OXALACETIC ACID)

LESTROVAYA, N.N.; MARDASHEV, S.R. Effect of certain halogen derivatives of phenylalanine on decarboxylasss in Streptococcus faecalis. Biokhimiia 25 no.2:227-232 Nr-Ap lass in Streptococcus faecalis. Biokhimiia 25 no.2:227-23 Nr-Ap lass

MARDASHEV, S.R.; DEBOV, S.S.; FEOFILOVA, E.P.

Bacteriostatic effects of 5-bromo-6-hydroxypyrimidine. Vop. med. khim. 6 no. 6:643-644 N-D '60. (MIRA 14:4)

1. Kafedra biokhimii I Moskovskogo meditsinskogo instituta imeni I.M. Sechenova i laboratoriya biokhimii mikrobov Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskwa.

(PARIMIDINE) (MYCOBACTERIUM) (ESCHERICHIA COLI)

ZBARSKIY, Boris Il'ich [decessed]; IVANOV, Il'ya Il'ich; MARDASHEV, Sergey Rufovich; DEBOV, S.S., red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Biological chemistry] Biologicheskaia khimiia. Izd.3., ispr. i dop. Moskva, Gos.izd-vo med.lit-ry, 1960. 489 p. (MIRA 13:9)

(BIOCHEMISTRY)

17(3) AUTHORS:

SOV/20-59-124-2-60/71

Mardachev, S. R., Member, AMN USSR, Semina, L. A.

TITLE:

The Effect of Penicillin Amine Upon Decarboxylation of Amino Acids by Microbial Preparations (Vliyaniye penitsillamina na dekarboksilirovaniye aminokislot mikrobnymi preparatami)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 2, pp 456-458 (USSR)

ABSTRACT:

By adding L-penicillin amine to the aminopherase system of the liver the enzymatic activity is suppressed in vitro. Penicillin amine is said (according to Ref 1) to form with phosphopyridoxal a thiazolidine derivative. On the basis of this fact it may be assumed that penicillin amine will hamper those reactions which take place under the participation of phosphopyridoxal enzymes. In fact, DL-penicillin amine considerably suppresses D-serine dehydrogenase of N. crassa and Escherichia coli (Ref 2). In this connection the solution of the problem mentioned in the title was interesting. The authors investigated the action of penicillin amine in amino acid decarboxylases of 1) E. coli (arginine decarboxylase); 2) B. cadaveris (lysine decarboxylase); 3) Micrococcus sp.n. (histidine decarboxylase); 4) Cl. Welchii SR 12 (glutamine decarboxylase); 5) S. faecalis (tyrosine decarboxylase); and 6) Pseudomycobacterium sp.n. (aspartico decarboxylase) (Ref 3).

Card 1/3

JISKUUIU3233UUU4-5

SOV/20-59-124-2-60/71

The Effect of Penicillin Amine Upon Decarboxylation of Amino Acids by Microbial DL-penicillin amine was added in concentrations of 10^{-2} , 10^{-3} .

Preparations

and 10^{-4} mol/liter. An M/60 solution of the amino acid was then added to the enzymatic preparation in the buffer solution, and the rate of decarboxylation was determined in the Warburg apparatus. Table 1 shows the effect of penicillin amine on the decarboxylation of lyaine of B. cadaveris. A concentration of 10-2 mol/liter considerably hampers this process, while this effect is weak at 10^{-4} mol/liter. The same suppressing effect can be clearly observed in arginine decarboxylase (E.coli). Snell and his co-workers (Refs 2,4) maintain that several phosphopyridoxal ferments need metal ions for a complete activation. In order to check that statement the effect of Al3+, Zn2+, Fe3+, and Cu2+ was investigated in the above process of E.coli. The results are summarized in table. 3 and 4. They show that the addition of Al, Fe, Cu or Zn ions does not eliminate the suppression of decarboxylase reaction by penicillin amine. - There are 4 tables and 5 references, 1 of which is Soviet.

1st moscow med Inst. in 1. M. bickers

Card 2/3

MARDASHEV, S.R.; LU ZHU-SHAN [Lu Ju-shang]; ROMAKOV, Yu.A.

Synthesis of acetylaspartic acid. Kikrobiologiia 28 no.5:641-646
S-0 '59. (MIRA 13:2)

1. 1-y Moskovskiy ordena Lenina meditsinskiy institut im. I.M.
Sechenova.

(ASPARTIC ACID rel.cpds.)

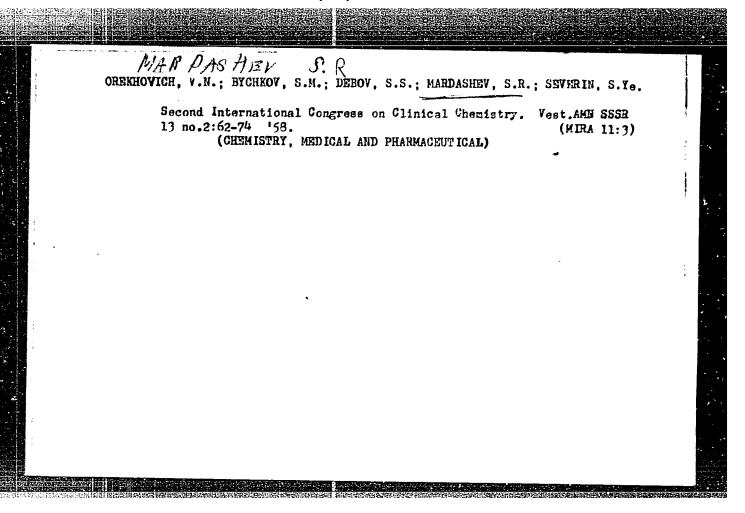
(CLOSTRIDIUM metab.)

ORZKHOVICH, V.N., prof.; MARDASHEV, S.R., prof.; DEBOV, S.S., kand.med.nauk

Soviet blochemists visit the U.S.A. Vest.AUU SSSR 14 no.7:
57-67 '59. (MEA 12:9)

1. Deystvitel'nyve chleny AMN SSSR (for Orekhovich, Debov).

(UNITED STATES--BIOCHEMISTRY)



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MARDASHEV, S.R.; LU ZHU-SHAN [Lu Ju-shang]

Microbial amino acid & -amidases [with summery in English].

Blokhimita 22 no.1/2:369-374 Ja-F '57. (MLRA 10:7)

1. Kafedra biologicheskoy khimit 1-go Moskovskogo meditsinskogo institute im, i.M.Sechenova.

(CLOSTRIDIUM,

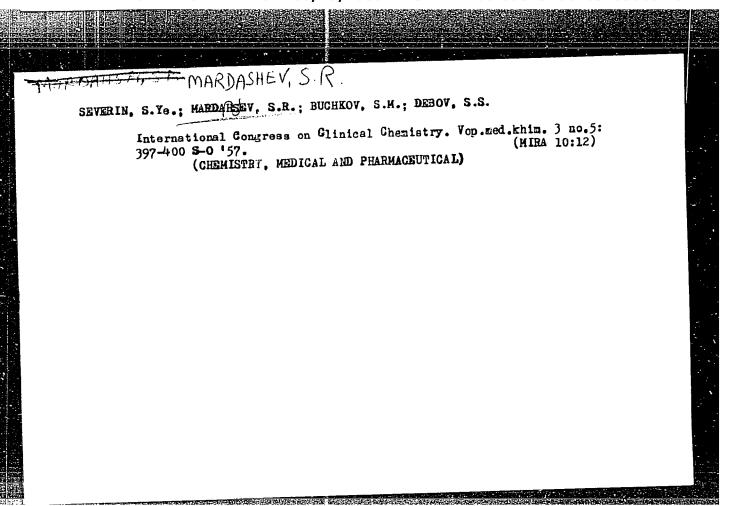
cadavoria, amino acid & -amidase (Rus))

(MICROCOCCU, metabolism,

amino acid & -amidase (Rus))

(AMIDASES,

amino acid & -amidase in Clostridium cadaveria & Microccosus (Rus))
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LESTROVAYA, N.N.; MARDASHEV, S.R.

Synthesis of phenylalanine and tyrosine peptides by chymotrypsine.

Yop.med.khim. 2 no.4:294-298 J1-2g '56. (MLRA 9:10)

1. Mafedra biokhimil I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sochenova.

(PROTEASES,

chymotrypsin, eff. on peptides & tyrosine synthesis
in vitro (Rus))

(PEPTIDES,

synthesis in vitro, eff. of chymotrypsin (Rus))

(TYROSINE,

same)
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MARDASHEVS S.R.

USSR/ Modicine - Biochemistry

Card 1/1

Fub - 22 - 36/51

Authors

Mardashev, S. R., and Pavlova, N. A.

Titlo

Reamination of purine compounds with glyoxylic and glycolic acids

Pariodical t

Dok. AN SSSR 101/1, 135-136, Mar 1, 1955

Abstract

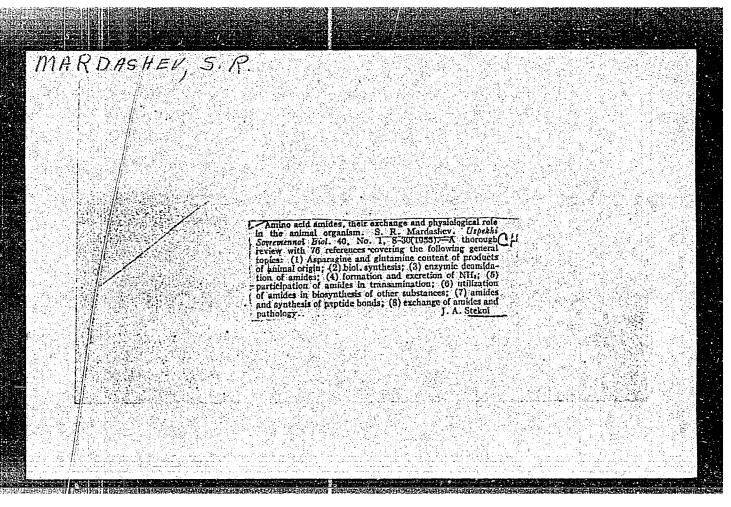
The biosynthesis of glycocoll obtained from glycolic and glycolic acids and aminopurine derivatives was investigated to determine whether and what role purine compounds play in the reamination reaction in the animal organism. The experiments were carried out on white rats end the results obtained are tabulated. Seven references: 2 USSR and 5 USA (1945-1954). Table.

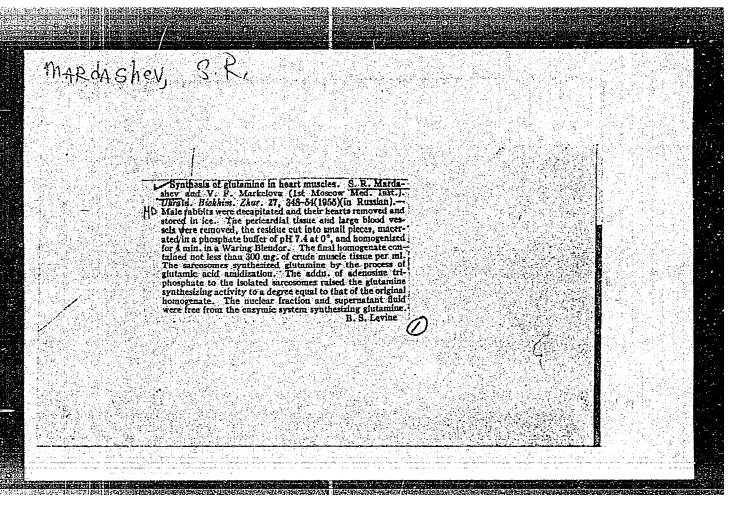
Institution:

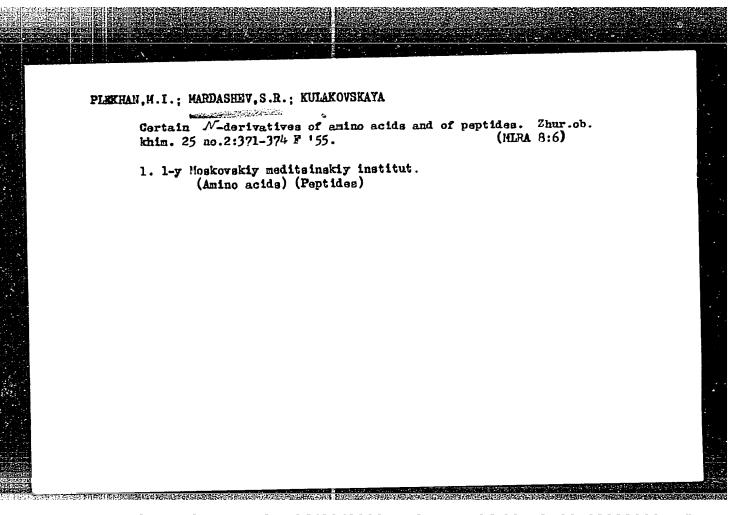
The First Medical Institute, Moscow

Presented by : Academician A. D. Speranskiy, July 19, 1954

CIA-RDP86-00513R001032330004-5" **APPROVED FOR RELEASE: 06/20/2000**







WARBASHEV, S.R., USSR/Medicine - Boris Il'ich Zbarskiy

FD-1778

Card 1/1

Pub 122-9/9

Author

: Mardashev, S. R., Cor Memb Acad Med Sci USSR

Title

Boris Il'ich Zbarskiy

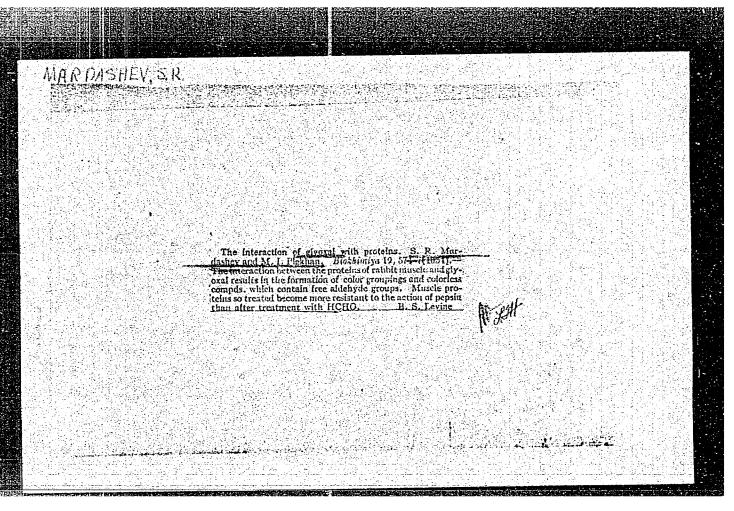
Periodical: Vest. AMN SSSR, 1, 62-63, Jan/Mar 1955

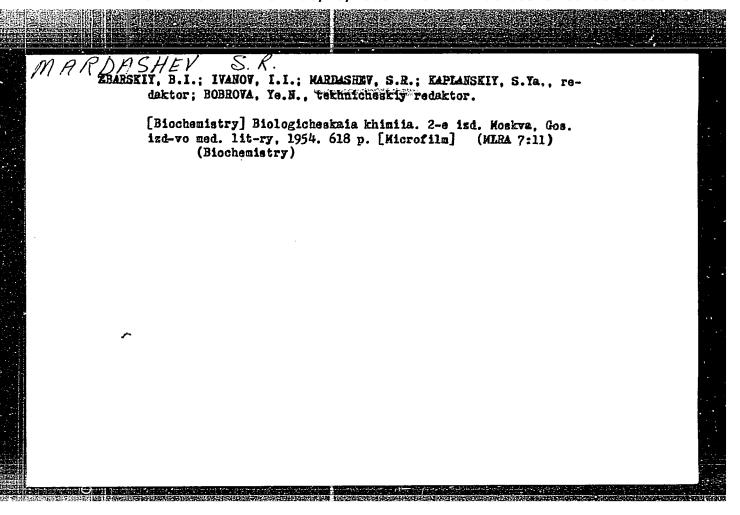
Abstract

: Boris Il'ich Zbarskiy, Soviet biochemist, died suddenly on October 7, 1954 at the age of 70. He was an active member of the AMS USSR and a member of the CPSU. He was recipient of many awards. He was an excellent teacher and taught biochemistry in the 1st pedagogical institute of NARKOMPROS and in 1st and in 2nd Moscow medical institutes. His name is associated with founding of the physico-chemical institute imeni Karpov and of the biochemical institute of NARKOMZDRAV. He was the founder and the first head of the institute of nutrition. B. I. Zbarskiy was born in 1885 in Kamenets-Podol'sk where he received his secondary education. He received his chemical training in University of Geneva and passed a qualifying examination at the University of Peterburg. Together with V. P. Vorob'yev he embalmed Lenin's body in 1924.

Institution: --

Submitted:

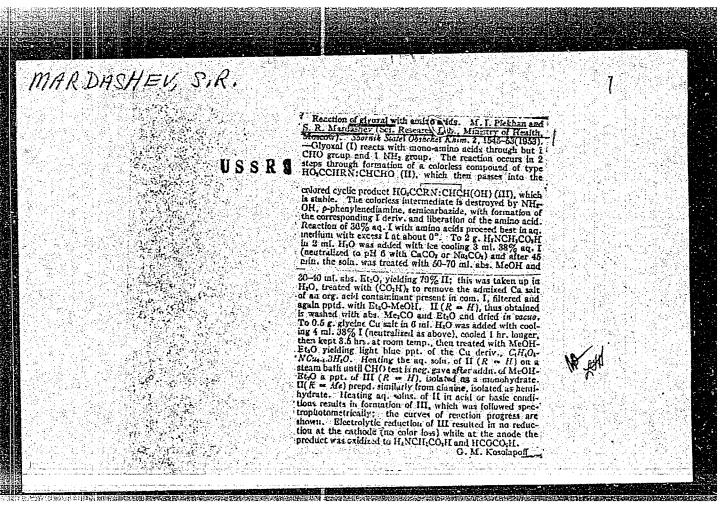




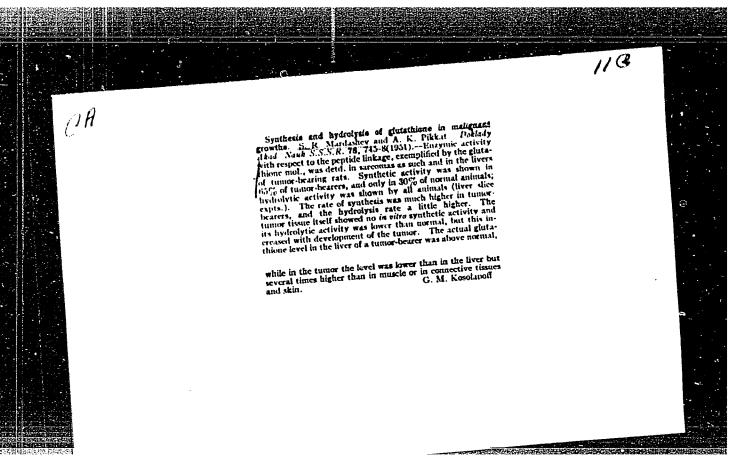
GLADKOVA, V.N.; MARDASHEV, S.R.; SEMINA, L.A.

New microorganism containing decarboxylase of L-histidine. Mikrobiologiia. Moskva 22 no.2:141-144 Mar-Apr 1953. (CLML 25:4)

1. First Moscow Order of Lenin Medical Institute.



Godecarboxylase of the aspertic acid. Vcp.med.khim. 4:231-236 '52. (MIRA 11:4) 1. Kafadra biokhimii I Moskovskogo ordena lenina meditainskogo instituta. (GODECARBOXYLAZE) (ASPARTIC ACID)



MARDASHEV, S. P.

USSR/Chemistry (Biological) -Transamidation 21 May 51

"Biological Synthesis of Asparagine and Glutamine by Transamidation," S. P. Mardeshev, N. N. Lestrovaya

"Dok Ak Nauk SSSR" Vol LXXVIII, No 3, pp 547-550

Showed in expts with rat liver sections that glutamine is synthesized from glutamic acid and asparagine (both at alkaline and acidic reactions) and that asparagine is synthesized from aspartic acid and glutamine (at acidic reaction only).

186T16

